

ABSTRACT OF THE DISCLOSURE

The decreasing cost of communication has led to a focus on including workgroup participants based on their abilities rather than their physical location. However, collaboration workgroup participants are still dependent on electronic documents which are difficult or impossible to view on smaller web-enabled devices such as web-enabled phones, web-enabled personal digital assistants and the like. If the documents can be viewed at all, they must be pre-encoded for a single format supported across all devices, or the range of participating devices must be limited to a single display type. Furthermore, some document types may require hardware upgrades including expanded memory to load the additional code necessary to view the document. This excludes impromptu workgroup formation since the device types of the collaborating users and/or the set of required documents for a meeting cannot always be predicted. Moreover, even when a document has been previously encoded, collaboration is difficult due to the inability to view the overall structure of the page.

Accordingly the techniques presented allow for impromptu access to documents in the native application format. The collaboration of users within a document is facilitated by allowing the users to indicate context within the document for collaboration based on the display capabilities of each user's device.